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Staffing of Specialty Mental Health Organizations, United States, 1978-80

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Introduction

The staffing patterns of the various types of specialty mental health organizations in the United States are responsive to a number of factors that may alter the configuration of these patterns over time. Some of the major factors may include changes in the financial resources budgeted for staff; changes in the types of treatment and/or services provided; changes in the size and characteristics of the caseload coming under care; and changes in the supply and accessibility of specific types of staff (e.g., psychiatrists, social workers, psychologists, nurses, etc.). To help elucidate these factors, this report provides an update on the numbers and types of professional and nonprofessional staff employed by the various types of specialty mental health organizations in the United States.[1]

Data for this report were obtained from the inventories of mental health organizations conducted in January 1978 and January 1980 by the Survey and Reports Branch, (SRB), Division of Biometry and Epidemiology, (DBE), National Institute of Mental Health (NIMH), in collaboration with the State mental health agencies. The 1978 data are based on the number of staff positions and hours worked for each staff discipline during a sample week in January 1978 for State and county mental hospitals, private psychiatric hospitals, separate psychiatric services in non-Federal general hospitals, psychiatric services of Veterans Administration (VA) medical centers, federally funded community mental health centers (CMHCs), residential treatment centers for emotionally disturbed children (RTCs), freestanding psychiatric outpatient clinics, freestanding psychiatric day/night organizations, and other multiservice mental health organizations. Similar data for 1980 were obtained from the January 1980 NIMH inventory for the same group of organizations, with the exception of separate psychiatric services in non-Federal general hospitals,[2] psychiatric services of VA medical centers,[2] and federally funded CMHCs[3] for which data were obtained from other NIMH surveys (see footnotes to text).

The data shown in this Note include estimates for those organizations within each type that did not report any staffing data. However, since the response rate for the organization types reporting in January 1978 and 1980 was 95 percent or better, it is assumed the estimating procedures have not introduced any significant error or bias into the data.

As an aid to interpretation in using the data in this report, definitions of terms are given in the appendix.

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Current Staffing Patterns of Mental Health Organizations

In January 1978, the number of full-time equivalent (FTE) staff employed in mental health organizations in the United States (including VA psychiatric services) totaled 430,051. State and county mental hospitals accounted for almost half of this total, (205,289) and federally funded CMHCs ranked next with about 13 percent of the total (table 1). By January 1980, the number of FTE staff in mental health organizations had increased to an estimated 435,853.[2,3] Among the organization types, federally funded CMHCs and private psychiatric hospitals had the largest percentage increase in FTE staff between January 1978 and 1980 (about 9 percent each), followed by RTCs for emotionally disturbed children (about 5 percent), and "all other organizations" (3 percent). State and county mental hospitals, on the other hand, experienced a small percentage decrease in staffing (about 2 percent) during this period, while the number of FTE staff employed in freestanding psychiatric outpatient clinics showed almost no change (table 1).

In January 1978, 68 percent of the FTE staff employed in all U.S. mental health organizations were classified as patient care staff, and the remaining staff (32 percent) were employed in administrative, clerical, and maintenance positions. The patient care staff was almost equally divided between those in the professional disciplines (36 percent) and those identified as other patient care staff (32 percent) (table 2). Among the specific staff disciplines, the largest single category of FTE staff employed in mental health organizations was mental health workers below the BA level, comprising about 28 percent of all staff. Registered nurses and "other mental health professionals" ranked next, each constituting slightly over 9 percent of the total FTE staff positions (table 2).

The proportions of FTE staff designated as patient care staff and administrative/clerical/maintenance staff in all mental health organizations in January 1980 were almost identical to the comparable January 1978 figures cited above (table 2). Other comparisons of the January 1978 and 1980 staffing data for the total group of mental health organizations were somewhat limited, due to the unavailability of data for selected staff disciplines for federally funded CMHCs in 1980. Where comparisons were possible, however, it was noted that the percentages of FTE psychologists (MA and above) and social workers employed in all mental health organizations were slightly higher in January 1980 than in January 1978 (table 2). In general, it seems reasonable to assume that the percentage distribution of FTE staff by discipline in mental health organizations in January 1980 nearly approximated the January 1978 distribution.

As might be expected, staffing patterns varied to some degree among specialty mental health organizations due to such factors as differences in types of treatment and service programs offered and types of caseload seen, in addition to the factors noted above. For example, in January 1978, slightly more than 40 percent of the FTE staff in State and county mental hospitals were classified as other patient care staff; by contrast, in other mental health organizations, the proportion of FTE staff in this category ranged downward from 31 percent for separate psychiatric services in non-Federal general hospitals to 9 percent for freestanding psychiatric outpatient clinics. Conversely, State and county mental hospitals had the smallest percentage of FTE professional patient care staff (22 percent), while the corresponding percentages for other mental health organizations ranged upward from 37 percent for VA psychiatric services to 62 percent for freestanding psychiatric outpatient clinics (table 2). Less variation occurred among the various types of mental health organizations in the proportion of FTE staff employed in the third major staffing category--administrative/clerical/maintenance--with a range between 27 and 38 percent; the exception was separate psychiatric services in non-Federal general hospitals, where only 14 percent of FTE staff were employed in this category (table 2). Other significant variations noted among the staffing patterns in the various types of mental health organizations

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in January 1978 were as follows: RTCs for emotionally disturbed children had the highest percentage of "FTE other mental health professionals" on staff (33 percent), and freestanding psychiatric outpatient clinics employed proportionately larger numbers of FTE psychologists and social workers (16 and 25 percent, respectively) (table 2). Generally, staffing patterns for the different types of specialty mental health organizations in January 1980 were similar to those observed in January 1978 (table 2).

Private psychiatric hospitals and federally funded CMHCs not only had gains of 9 percent in number of FTE staff between 1978 and 1980, but also increases among each of the staff disciplines,[3] with the exception of a small decrease in number of FTE other physicians, other psychologists, and licensed practical and vocational nurses employed in private psychiatric hospitals, and a slight drop in number of FTE psychiatrists and registered nurses on staff in federally funded CMHCs (table 2). The 2 percent decrease in FTE staff employed in State and county mental hospitals between January 1978 and 1980 was totally accounted for by a relatively large decrease in the number of mental health workers with less than a BA degree, smaller decreases in the number of other physicians, psychologists, and social workers without MA degrees, and a decrease in administrative/clerical/maintenance staff; all other staff disciplines employed in these hospitals showed varying increases over this 2-year period (table 2). Among residential treatment centers for emotionally disturbed children, freestanding psychiatric outpatient clinics, and "all other organizations," which had shown smaller percentage increases or decreases in FTE staff between January 1978 and 1980, the patterns of change in numbers of FTE staff by discipline were somewhat more variable (table 2).

Of the 482,552 staff employed in mental health organizations in January 1978, 82 percent worked on a full-time basis, 13 percent were part-time employees, and 5 percent were designated as trainee staff (table 3). Among the various types of mental health organizations, however, the percentages of staff employed in these three status categories showed considerable variation. Almost all State and county mental hospital staff (96 percent) were employed on a full-time basis, while the percentage of full-time staff in other mental health organizations ranged downward from 81 percent for RTCs for emotionally disturbed children to 61 percent for freestanding psychiatric outpatient clinics (table 3). The largest proportions of part-time workers were observed for separate psychiatric services in non-Federal general hospitals, federally funded CMHCs, and freestanding psychiatric outpatient clinics, where they represented about one-quarter of all staff. By contrast, only 3 percent of State and county mental hospital staff were employed on a part-time basis (table 3). Although trainees represented only about 5 percent of the total staff employed in all mental health organizations nationally, they constituted 10 percent or more of the staff for separate psychiatric services in non-Federal general hospitals, freestanding psychiatric outpatient clinics, and other mental health organizations, such as freestanding psychiatric day/night organizations and other multiservice mental health organizations (table 3).

In general, distribution of staff among the various types of mental health organizations according to full-time, part-time, and trainee status in January 1980 showed relatively little change from the January 1978 patterns. A major exception was federally funded CMHCs, which showed a substantial increase in full-time staff and a decrease in the number of part-time staff (table 3).

An examination of the January 1980 data for full-time, part-time, and trainee status of the various staff disciplines employed in specialty mental health organizations showed that, in general, compared with other staff disciplines, proportionately fewer psychiatrists, other physicians, and psychologists below the MA level were employed full-time in each organization type (table 4). State and county mental hospitals had the highest percentages of full-time psychiatrists, other physicians, and

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psychologists below the MA level (68, 69, and 67 percent, respectively) (table 4). In most of the other organization types, two-fifths or more of the psychiatrists and other physicians worked on a part-time basis, and in private psychiatric hospitals, separate psychiatric services in non-Federal general hospitals, and federally funded CMHCs, sizable percentages of these two disciplines were trainee staff. Half or more of the psychologists below the MA level employed in mental health organizations other than State and county mental hospitals were classified as trainees (table 4).

For most other staff disciplines, the majority (50 percent or more) were employed on a full-time basis in mental health organizations in January 1980. Exceptions to this were psychologists at or above the MA level and social workers below the masters level in non-Federal general hospital psychiatric services, where significant proportions of these two disciplines were part-time and trainee staff; and physical health professionals in non-Federal general hospital psychiatric services, RTCs for emotionally disturbed children, and freestanding psychiatric outpatient clinics--most of whom were part-time staff (table 4). Of the disciplines comprised mostly of full-time staff, some also had relatively high proportions (one-quarter or more) of staff in part-time or trainee positions. These were psychologists at or above the MA level in VA psychiatric services, RTCs for emotionally disturbed children, and freestanding psychiatric outpatient clinics; social workers at all levels in freestanding psychiatric outpatient clinics and below the masters level in VA psychiatric services; registered nurses in private psychiatric hospitals and RTCs for emotionally disturbed children; physical health professionals in private psychiatric hospitals; and licensed practical and vocational nurses in private psychiatric hospitals, RTCs for emotionally disturbed children, and freestanding psychiatric outpatient clinics (table 4).

Footnotes

[1]Recent NIMH publications on staffing of mental health organizations are as follows:

National Institute of Mental Health. Series B, No. 8, Staffing of Mental Health Facilities, 1974. DHEW Pub. No. (ADM)76-308. Washington, D.C.: U.S. Govt. Print. Off., 1976.

National Institute of Mental Health. Statistical Note 129, Staff-Patient Ratios in Selected Inpatient Mental Health Facilities, January 1974. Rockville, Md.: Division of Biometry and Epidemiology, Survey and Reports Branch, May 1976.

National Institute of Mental Health. Series B, No. 14, Staffing of Mental Health Facilities, United States, 1976. DHEW Pub. No. (ADM)78-522. Washington, D.C.: Supt. of Docs., U.S. Govt. Print. Off., 1978.

National Institute of Mental Health. Statistical Note 160, Trends among Core Professionals in Organized Mental Health Settings: Where Have All the Psychiatrists Gone? Rockville, Md.: Division of Biometry and Epidemiology, Survey and Reports Branch, Dec. 1981.

[2]Staffing data for separate psychiatric services in non-Federal general hospitals and for psychiatric services in VA medical centers were not obtained in the January 1980 NIMH inventory. For this report, the January 1978 staffing data were used to represent the January 1980 staffing patterns of these two types of mental health organizations.

[3]Although January 1980 data were not available for federally funded CMHCs, data were available for these organizations from a January 1981 survey and were used in lieu of the 1980 data. The 1981 data were limited to the extent that data were collected for only selected staff groupings and disciplines as indicated in tables 2 and 4.

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Appendix

Types and Definitions of Mental Health Organizations

Federally funded comprehensive community mental health center (CMHC) -- A legal entity through which comprehensive mental health services are provided to a delineated catchment area. This mental health delivery system may be implemented by a single organization (with or without subunits) or by a group of affiliated organizations which make available at least the following essential mental health services: inpatient, partial, outpatient, emergency care, and consultation and education. Further, one of the component organizations of the CMHC is the recipient of Federal funds under P.L. 88-164 (construction) and/or P.L. 89-105 (staffing) or amendments thereto.

General hospital with separate psychiatric service(s) -- A non-Federal or VA hospital that routinely admits patients to a separate psychiatric service setting (e.g. any combination of inpatient, outpatient, or partial hospitalization), for the express purpose of diagnosing and treating psychiatric illness. A separate psychiatric unit is an organizational or administrative entity within a general hospital which provides one or more treatments or other clinical services for patients with a known or suspected psychiatric diagnosis and is specifically established and staffed for use by patients served in this unit. If this is an inpatient unit, beds are set up and staffed specifically for psychiatric patients in a separate ward or unit. These beds may be located in a specific building, wing, or floor, or they may be a specific group of beds physically separated from regular or surgical beds.

Mental health day/night organization -- A separate organization designed for nonresidential patients who spend only part of a 24-hour period in the facility.

Multiservice mental health organization -- An organization not classifiable to one of the above types which provides inpatient, outpatient, and/or day or other partial hospitalization and which does not receive Federal funds either under P.L. 88-164 or P.L. 89-105.

Outpatient psychiatric clinic -- An administratively distinct organization that has as a primary purpose the provision of ambulatory mental health services and in which a psychiatrist usually assumes medical responsibility for all patients and/or directs the mental health program.

Psychiatric hospital -- A public (e.g., State and county, VA) or private mental hospital in which the primary concern is to provide inpatient care and treatment to mentally ill persons. Such organizations are operated or licensed as hospitals.

Residential treatment center for emotionally disturbed children -- A residential facility that primarily serves children who, by clinical diagnosis, are moderately or seriously disturbed emotionally, and that provides treatment services under the supervision of a psychiatrist.

Terms Related to Staffing

Administrative and maintenance staff -- Includes administrative and other professional (nonhealth) staff (e.g., accountants, business administrator), as well as clerical and maintenance staff.

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Full-time employees -- Persons employed 35 or more hours a week (excluding trainees). School teachers are counted as full time if they are employed 30 hours or more a week.

Full-time equivalents -- The usual criteria for full-time employment is the Department of Labor standard of 35 or more hours per week. Inasmuch as the average hours worked per week for most full-time staff in mental health organizations is 40 hours, this figure has been used as the equivalent for a full-time position. To obtain the number of full-time equivalent staff, the total person hours worked in a week by all full-time, part-time, and trainee staff is divided by 40 hours.

Other patient care staff -- Includes licensed practical and vocational nurses, mental health workers with an AA degree or higher, but less than a BA degree, and mental health workers with less than an AA degree.

Part-time employees -- Persons employed less than 35 hours a week (excluding trainees).

Patient care staff -- All employees excluding administrative and maintenance employees (see definition which follows).

Professional patient care staff -- Includes psychiatrists, nonpsychiatric physicians, psychologists, social workers, registered nurses, other mental health professionals (e.g., activity therapists, vocational rehabilitation counselors, school teachers, and other mental health professionals requiring BA level training), and other health professionals (e.g., dieticians, dentists, dental technicians, and pharmacists).

Trainees -- Trainees including students, residents, and interns, regardless of number of hours worked in a week.

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Table 1. Number, percent change in number, and percent distribution of full-time equivalent (FTE) staff in mental health organizations, by type of organization: United States, January 1978 and 1980

Type of organization	Number of FTE staff		Percent change in number	Percent distribution	
	1978	1980	1978-80	1978	1980
All organizations	430,051	435,853	+1.3	100.0	100.0
State and county mental hospitals	205,289	201,785	-1.7	47.7	46.3
Private psychiatric hospitals	29,972	32,749	+9.3	7.0	7.5
Non-Federal general hospitals with separate psychiatric services	40,908	40,908[a]	N.A.	9.5	9.4
VA psychiatric services	41,449	41,449[a]	N.A.	9.6	9.5
Federally funded CMHCs	56,560	61,789[b]	+9.2	13.2	14.2
RTCs for emotionally disturbed children	22,443	23,612	+5.2	5.2	5.4
Freestanding psychiatric outpatient clinics	26,502	26,425	-0.3	6.2	6.1
All other organizations[c]	6,928	7,136	+3.0	1.6	1.6

[a]Data for non-Federal general hospitals with separate psychiatric services and psychiatric services of VA medical centers were not obtained for January 1980. Data shown are for January 1978.

[b]January 1980 data were not available for federally funded CMHCs; data shown are for January 1981 (see text footnote 3).

[c]Includes freestanding mental health day/night organizations and other multiservice mental health organizations.

Note: N.A. - indicates not available

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Table 2. Number and percent distribution of full-time equivalent (FTE) staff in mental health organizations, by discipline and type of organization: United States, January 1978 and 1980

Discipline	All mental health organizations		State and county mental hospitals		Private psychiatric hospitals		Non-Federal general hospital psych. services	
	1978	1980	1978	1980	1978	1980	1978	1980[a]
				Number				
Total, all staff	430,051	435,853	205,289	201,786	29,972	32,749	40,908	40,908
Patient care staff	292,699	296,489	131,187	128,754	18,728	20,676	34,966	34,966
Professional patient care staff	153,598	N.A.	45,131	47,949	11,419	12,786	22,401	22,401
Psychiatrists	14,492	14,446	3,712	3,915	1,285	1,301	3,583	3,583
Other physicians	3,034	3,064	1,809	1,796	185	101	237	237
Psychologists--**Total**	16,501	N.A.	3,149	3,278	590	679	1,512	1,512
MA and above	14,814	17,223	2,690	2,916	554	652	1,392	1,392
Other psychologists	1,687	N.A.	459	362	36	27	120	120
Social workers--**Total**	28,125	31,814	5,924	6,222	920	1,170	2,552	2,552
MSW and above	21,238	23,518	3,373	3,776	768	942	2,114	2,114
Other social workers	6,887	8,296	2,551	2,446	152	228	438	438
Registered nurses	42,399	43,045	14,859	15,075	3,967	4,613	10,611	10,611
Other mental health professionals (BA & above)	39,363	N.A.	10,492	11,729	3,644	4,034	3,583	3,583
Physical health professionals and assistants	9,684	N.A.	5,186	5,934	828	888	323	323
Other patient care staff	139,101	N.A.	86,056	80,815	7,309	7,890	12,565	12,565
Licensed practical and vocational nurses	16,587	N.A.	8,323	9,039	1,198	1,114	3,395	3,395
Mental health workers (less than BA)	122,514	N.A.	77,733	71,776	6,111	6,776	9,170	9,170
Administrative, clerical, and maintenance staff	137,352	139,364	74,102	73,022	11,244	12,073	5,942	5,942
				Percent distribution				
Total, all staff	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Patient care staff	68.1	68.0	63.9	63.8	62.5	63.1	85.5	85.5
Professional patient care staff	35.7	N.A.	22.0	23.7	38.1	39.0	54.8	54.8
Psychiatrists	3.4	3.3	1.8	1.9	4.3	4.0	8.8	8.8
Other physicians	0.7	0.7	0.9	0.9	0.6	0.3	0.6	0.6
Psychologists--**Total**	3.8	N.A.	1.5	1.6	2.0	2.1	3.7	3.7
MA and above	3.4	4.0	1.3	1.4	1.8	2.0	3.4	3.4
Other psychologists	0.4	N.A.	0.2	0.2	0.1	0.1	0.3	0.3
Social workers--**Total**	6.5	7.3	2.9	3.1	3.1	3.6	6.3	6.3
MSW and above	4.9	5.4	1.6	1.9	2.6	2.9	5.2	5.2
Other social workers	1.6	1.9	1.3	1.2	0.5	0.7	1.1	1.1
Registered nurses	9.9	9.9	7.2	7.5	13.2	14.1	25.9	25.9
Other mental health professionals (BA & above)	9.2	N.A.	5.1	5.8	12.1	12.2	8.7	8.7
Physical health professionals and assistants	2.2	N.A.	2.5	2.9	2.8	2.7	0.8	0.8
Other patient care staff	32.4	N.A.	41.9	40.1	24.4	24.1	30.7	30.7
Licensed practical and vocational nurses	3.9	N.A.	4.0	4.5	4.0	3.4	8.3	8.3
Mental health workers (less than BA)	28.5	N.A.	37.9	35.6	20.4	20.7	22.4	22.4
Administrative, clerical, and maintenance staff	31.9	32.0	36.1	36.2	37.5	36.9	14.5	14.5

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Table 2. Number and percent distribution of full-time equivalent (FTE) staff in mental health organizations, by discipline and type of organization: United States, January 1978 and 1980 (continued)

Discipline	VA psychiatric services		Federally funded CMHCs		Residential treatment centers		Freestanding psychiatric outpatient		All other organizations[c]	
	1978	1980[a]	1978	1980[b]	1978	1980	1978	1980	1978	1980
					Number					
Total, all staff	41,449	41,449	56,560	61,789	22,443	23,612	26,502	26,425	6,928	7,136
Patient care staff	27,435	27,435	40,058	43,432	16,464	17,344	18,945	18,721	4,916	5,152
Professional patient care staff	15,238	15,238	28,322	N.R.	10,824	11,158	16,505	16,603	3,758	3,878
Psychiatrists	1,745	1,745	2,246	2,174	140	132	1,413	1,233	368	363
Other physicians	509	509	189	244	22	31	65	99	18	47
Psychologists--**Total**	1,392	1,392	4,796	N.R.	497	593	4,115	4,098	450	501
MA and above	1,259	1,259	4,323	6,206	469	536	3,711	3,776	416	486
Other psychologists	133	133	473	N.R.	28	57	404	322	34	15
Social workers--**Total**	1,611	1,611	7,329	10,315	2,196	2,222	6,513	6,554	1,080	1,168
MSW and above	1,404	1,404	5,718	7,090	1,668	1,784	5,241	5,457	952	951
Other social workers	207	207	1,611	3,225	528	438	1,272	1,097	128	217
Registered nurses	5,814	5,814	5,469	5,205	324	337	882	966	473	424
Other mental health professionals (BA & above)	1,868	1,868	7,896	N.R.	7,359	7,649	3,282	3,469	1,239	1,307
Physical health professionals and assistants	2,299	2,299	397	N.R.	286	194	235	184	130	68
Other patient care staff	12,197	12,197	11,736	N.R.	5,640	6,186	2,440	2,118	1,158	1,274
Licensed practical and vocational nurses	1,751	1,751	1,470	N.R.	151	108	157	139	142	146
Mental health workers (less than BA)	10,446	10,446	10,266	N.R.	5,489	6,078	2,283	1,979	1,016	1,128
Administrative, clerical, and maintenance staff	14,014	14,014	16,502	18,357	5,979	6,268	7,557	7,704	2,012	1,984
					Percent distribution					
Total, all staff	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Patient care staff	66.2	66.2	70.8	70.3	73.3	73.5	71.5	70.8	71.0	72.2
Professional patient care staff	36.8	36.8	50.1	N.R.	48.2	47.3	62.3	62.8	54.3	54.3
Psychiatrists	4.2	4.2	4.0	3.5	0.6	0.6	5.3	4.7	5.3	5.1
Other physicians	1.2	1.2	0.3	0.4	0.1	0.1	0.2	0.4	0.3	0.7
Psychologists--**Total**	3.4	3.4	8.5	N.R.	2.2	2.5	15.5	15.5	6.5	7.0
MA and above	3.0	3.0	7.6	10.0	2.1	2.3	14.0	14.3	6.0	6.8
Other psychologist	0.4	0.4	0.8	N.R.	0.1	0.2	1.5	1.2	0.5	0.2
Social workers--**Total**	3.9	3.9	12.9	16.7	9.8	9.4	24.6	24.7	15.6	16.4
MSW and above	3.4	3.4	10.1	11.5	7.4	7.6	19.8	20.5	13.7	13.3
Other social workers	0.5	0.5	2.8	5.2	2.4	1.8	4.8	4.2	1.9	3.1
Registered nurses	14.1	14.1	9.7	8.4	1.4	1.4	3.3	3.7	6.8	5.9
Other mental health professionals (BA & above)	4.5	4.5	14.0	N.R.	32.8	32.4	12.4	13.1	17.9	18.3
Physical health professionals and assistants	5.5	5.5	0.7	N.R.	1.3	0.8	0.9	0.7	1.9	0.9
Other patient care staff	29.4	29.4	20.7	N.R.	25.1	26.2	9.2	8.0	16.7	17.9
Licensed practical and vocational nurses	4.2	4.2	2.6	N.R.	0.7	0.5	0.6	0.5	2.0	2.0
Mental health workers (less than BA)	25.2	25.2	18.1	N.R.	24.4	25.7	8.6	7.5	14.7	15.9
Administrative, clerical, and maintenance staff	33.8	33.8	29.2	29.7	26.7	26.5	28.5	29.2	29.0	27.8

[a]Data for non-Federal general hospitals with separate psychiatric services and psychiatric services of VA medical centers were not obtained for January 1980. Data shown are for January 1978.

[b]January 1980 data were not available for federally funded CMHCs; data shown are for January 1981 (see text footnote 3).

[c]Includes freestanding mental health day/night organizations and other multiservice mental health organizations.

N.R.-Not reported, since data were not requested on these disciplines in the surveys covering federally funded CMHCs.
N.A.-Not available, since data were not requested on these disciplines in the surveys covering federally funded CMHCs.

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Table 3. Number and percent distribution of staff positions in mental health organizations, by type of organization and employment status: United States, January 1978 and January 1980

Type of organization	Total	Full-time	Part-time	Trainee	Total	Full-time	Part-time	Trainee
	Number				Percent distribution			
1978								
All organizations	482,552	395,547	63,993	22,012	100.0	82.0	13.2	4.8
State and county mental hospitals	211,157	201,954	5,900	3,303	100.0	95.6	2.8	1.6
Private psychiatric hospitals	34,634	25,810	7,318	1,506	100.0	74.5	21.1	4.4
Non-Federal general hospitals with separate psychiatric services	49,994	32,760	12,229	5,005	100.0	65.5	24.5	10.0
VA psychiatric services	46,679	37,077	7,129	2,473	100.0	79.4	15.3	5.3
Federally funded community mental health centers	70,496	49,335	16,612	4,549	100.0	70.0	23.6	6.4
Residential treatment centers for emotionally disturbed children	25,052	20,212	3,953	887	100.0	80.7	15.8	3.5
Freestanding psychiatric outpatient clinics	36,350	22,207	9,714	4,429	100.0	61.1	26.7	12.2
All other organizations[a]	8,190	6,192	1,138	860	100.0	75.6	13.9	10.5
1980								
All organizations	483,121	403,111	58,874	21,136	100.0	83.4	12.2	4.4
State and county mental hospitals	208,962	198,531	7,209	3,222	100.0	95.0	3.4	1.6
Private psychiatric hospitals	37,358	28,418	8,041	899	100.0	76.1	21.5	2.4
Non-Federal general hospitals with separate psychiatric services	49,994[b]	32,760[b]	12,229[b]	5,005[b]	100.0[b]	65.5[b]	24.5[b]	10.0[b]
VA psychiatric services	46,679[b]	37,077[b]	7,129[b]	2,473[b]	100.0[b]	79.4[b]	15.3[b]	5.3[b]
Federally funded community mental health centers	70,363[c]	56,143[c]	9,494[c]	4,726[c]	100.0[c]	79.8[c]	13.5[c]	6.7[c]
Residential treatment centers for emotionally disturbed children	26,324	21,487	4,164	673	100.0	81.6	15.8	2.6
Freestanding psychiatric outpatient clinics	35,200	22,233	9,471	3,496	100.0	63.2	26.9	9.9
All other organizations[a]	8,241	6,462	1,137	642	100.0	78.4	13.8	7.8

[a]Includes freestanding mental health day/night organizations and other multiservice mental health organizations.

[b]Data for non-Federal general hospitals with separate psychiatric services and psychiatric services of VA medical centers were not obtained for January 1980. Data shown are for January 1978.

[c]January 1980 data were not available for CMHCs; data shown are for January 1981 (see text footnote 3).

Table 4. Number and percent distribution of staff positions in mental health organizations, by discipline, type of organization, and employment status: United States, January 1980

Discipline	All mental health organizations				State and county mental hospitals				Private psychiatric hospitals			
	Total	Full-time	Part-time	Trainee	Total	Full-time	Part-time	Trainee	Total	Full-time	Part-time	Trainee
						Number						
Total, all staff	483,121[d]	403,111[d]	58,874[d]	21,136[d]	208,962	198,531	7,209	3,222	37,358	28,418	8,041	899
Psychiatrists	21,372	7,682	8,556	5,134	4,371	2,983	678	710	2,080	708	966	406
Other physicians	4,411	2,134	1,582	695	2,243	1,546	657	40	233	47	127	59
Psychologists--(MA & above)	21,505	14,151	4,297	3,057	3,115	2,682	244	189	741	503	161	77
Other psychologists--(below MA level)	N.A.	N.A.	N.A.	N.A.	412	276	17	119	32	8	6	18
Social workers--(MSW & above)	27,515	21,200	4,256	2,060	3,938	3,714	147	77	1,029	841	142	46
Other social workers--(below MSW level)	9,496	7,170	763	1,563	2,544	2,398	63	83	249	202	35	12
Registered nurses	48,734	38,829	6,763	3,142	15,970	14,402	774	794	5,364	3,923	1,330	111
Other mental health professionals	N.A.	N.A.	N.A.	N.A.	12,183	11,529	416	238	4,440	3,579	755	106
Physical health professionals and assistants	N.A.	N.A.	N.A.	N.A.	6,312	5,790	437	85	1,061	758	299	4
Licensed practical and vocational nurses	N.A.	N.A.	N.A.	N.A.	9,198	9,009	183	6	1,264	916	322	26
Mental health workers--(less than BA)	N.A.	N.A.	N.A.	N.A.	72,699	71,239	743	717	7,516	5,947	1,545	24
Administrative, clerical, and maintenance staff	150,546	134,335	15,577	634	75,977	72,963	2,850	164	13,349	10,986	2,353	10
						Percent distribution						
Total, all staff	100.0	83.4	12.2	4.4	100.0	95.0	3.4	1.6	100.0	76.1	21.5	2.4
Psychiatrists	100.0	36.0	40.0	24.0	100.0	68.3	15.5	16.2	100.0	34.0	46.5	19.5
Other physicians	100.0	48.4	35.9	15.7	100.0	68.9	29.3	1.8	100.0	20.2	54.5	25.3
Psychologists--(MA & above)	100.0	65.8	20.0	14.2	100.0	86.1	7.8	6.1	100.0	67.9	21.7	10.4
Other psychologists--(below MA level)	N.A.	N.A.	N.A.	N.A.	100.0	67.0	4.1	28.9	100.0	25.0	18.8	56.2
Social workers--(MSW & above)	100.0	77.0	15.5	7.5	100.0	94.3	3.7	2.0	100.0	81.7	13.8	4.5
Other social workers--(below MSW level)	100.0	75.5	8.0	16.5	100.0	94.3	2.5	3.2	100.0	81.1	14.1	4.8
Registered nurses	100.0	79.7	13.9	6.4	100.0	90.2	4.8	5.0	100.0	73.1	24.8	2.1
Other mental health professionals	N.A.	N.A.	N.A.	N.A.	100.0	94.6	3.4	2.0	100.0	80.6	17.0	2.4
Physical health professionals and assistants	N.A.	N.A.	N.A.	N.A.	100.0	91.7	6.9	1.4	100.0	71.4	28.2	0.4
Licensed practical and vocational nurses	N.A.	N.A.	N.A.	N.A.	100.0	97.9	2.0	0.1	100.0	72.5	25.5	2.0
Mental health workers--(less than BA)	N.A.	N.A.	N.A.	N.A.	100.0	98.0	1.0	1.0	100.0	79.1	20.6	0.3
Administrative, clerical, and maintenance staff	100.0	89.2	10.4	0.4	100.0	96.0	3.8	0.2	100.0	82.3	17.6	0.1

See footnotes at end of table.

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Table 4. Number and percent distribution of staff positions in mental health organizations, by discipline, type of organization, and employment status: United States, January 1980 (continued)

Discipline	Non-Federal general hospital separate psychiatric units[a]				VA psychiatric services[a]				Federally funded CMHCs[b]			
	Total	Full-time	Part-time	Trainee	Total	Full-time	Part-time	Trainee	Total	Full-time	Part-time	Trainee
						Number						
Total, all staff	49,994[d]	32,760[d]	12,229[d]	5,005[d]	46,679	37,077	7,129	2,473	70,363[d]	56,143[d]	9,494[d]	4,726[d]
Psychiatrists	5,572	1,001	2,281	2,290	2,230	1,000	587	643	3,150	1,271	1,221	658
Other physicians	392	15	133	244	637	384	158	95	475	90	198	187
Psychologists--(MA & above)	2,000	862	702	436	1,551	898	229	424	7,184	5,434	868	882
Other psychologists--(below MA level)	157	19	40	98	213	59	20	134	N.R.	N.R.	N.R.	N.R.
Social workers--(MSW & above)	2,658	1,671	698	289	1,608	1,224	168	216	7,955	6,607	818	530
Other social workers--(below MSW level)	611	197	192	222	264	140	29	95	3,690	2,873	228	589
Registered nurses	12,750	8,991	2,717	1,042	6,357	5,399	546	412	6,205	4,619	958	628
Other mental health professionals	4,265	3,156	915	194	2,191	1,616	436	139	N.R.	N.R.	N.R.	N.R.
Physical health professionals and assistants	598	192	387	19	3,001	1,959	901	141	N.R.	N.R.	N.R.	N.R.
Licensed practical and vocational nurses	3,842	2,997	760	85	1,804	1,613	146	45	N.R.	N.R.	N.R.	N.R.
Mental health workers--(less than BA)	10,185	8,278	1,832	75	10,851	10,146	652	53	N.R.	N.R.	N.R.	N.R.
Administrative, clerical, and maintenance staff	6,964	5,381	1,572	11	15,972	12,639	3,257	76	20,117	17,414	2,504	199
						Percent distribution						
Total, all staff	100.0	65.5	24.5	10.0	100.0	79.4	15.3	5.3	100.0	79.8	13.5	6.7
Psychiatrists	100.0	18.0	40.9	41.1	100.0	44.9	26.3	28.8	100.0	40.3	38.8	20.9
Other physicians	100.0	3.8	33.9	62.3	100.0	60.3	24.8	14.9	100.0	18.9	41.7	39.4
Psychologists--(MA & above)	100.0	43.1	35.1	21.8	100.0	57.9	14.8	27.3	100.0	75.6	12.1	12.3
Other psychologists--(below MA level)	100.0	12.1	25.5	62.4	100.0	27.7	9.4	62.9	N.R.	N.R.	N.R.	N.R.
Social workers--(MSW & above)	100.0	62.8	26.3	10.9	100.0	76.1	10.5	13.4	100.0	83.0	10.3	6.7
Other social workers--(below MSW level)	100.0	32.3	31.4	36.3	100.0	53.0	11.0	36.0	100.0	77.8	6.2	16.0
Registered nurses	100.0	70.5	21.3	8.2	100.0	84.9	8.6	6.5	100.0	74.5	15.4	10.1
Other mental health professionals	100.0	74.0	21.5	4.5	100.0	73.8	19.9	6.3	N.R.	N.R.	N.R.	N.R.
Physical health professionals and assistants	100.0	32.1	64.7	3.2	100.0	65.3	30.0	4.7	N.R.	N.R.	N.R.	N.R.
Licensed practical and vocational nurses	100.0	78.0	19.8	2.2	100.0	89.4	8.1	2.5	N.R.	N.R.	N.R.	N.R.
Mental health workers--(less than BA)	100.0	81.3	18.0	0.7	100.0	93.5	6.0	0.5	N.R.	N.R.	N.R.	N.R.
Administrative, clerical, and maintenance staff	100.0	77.3	22.5	0.2	100.0	79.1	20.4	0.5	100.0	86.6	12.4	1.0

See footnotes at end of table.

Table 4. Number and percent distribution of staff positions in mental health organizations, by discipline, type of organization, and employment status: United States, January 1980 (continued)

Discipline	Residential treatment centers for children				Freestanding psychiatric outpatient clinics				All other mental health organizations[c]			
	Total	Full-time	Part-time	Trainee	Total	Full-time	Part-time	Trainee	Total	Full-time	Part-time	Trainee
						Number						
Total all staff	26,324	21,487	4,164	673	35,200	22,233	9,471	3,496	8,241	6,462	1,137	642
Psychiatrists	438	27	396	15	3,007	472	2,188	347	524	220	239	65
Other physicians	127	7	116	4	228	16	150	62	76	29	43	4
Psychologists--(MA & above)	685	422	222	41	5,667	2,967	1,805	895	562	383	66	113
Other psychologists--(below MA level)	62	23	6	33	474	147	47	280	25	5	8	12
Social workers--(MSW & above)	1,929	1,731	150	48	7,253	4,574	1,993	686	1,146	838	140	168
Other social workers--(below MSW level)	506	370	38	98	1,398	816	149	433	234	174	29	31
Registered nurses	415	259	145	11	1,199	843	247	109	474	393	46	35
Other mental health professionals	8,226	7,265	796	165	3,465	3,138	40	287	1,498	1,249	126	123
Physical health professionals and assistants	290	110	175	5	889	136	741	12	73	60	13	-
Licensed practical and vocational nurses	110	77	31	2	178	100	64	14	151	139	11	1
Mental health workers--(less than BA)	6,630	5,343	1,082	205	2,376	1,820	293	263	1,283	1,077	136	70
Administrative, clerical, and maintenance staff	6,906	5,853	1,007	46	9,066	7,204	1,754	108	2,195	1,895	280	20
						Percent distribution						
Total, all staff	100.0	81.6	15.8	2.6	100.0	63.2	26.9	9.9	100.0	78.4	13.8	7.8
Psychiatrists	100.0	6.2	90.4	3.4	100.0	15.7	72.8	11.5	100.0	42.0	45.6	12.4
Other physicians	100.0	5.5	91.3	3.2	100.0	7.0	65.8	27.2	100.0	38.2	56.6	5.2
Psychologists--(MA & above)	100.0	61.6	32.4	6.0	100.0	52.4	31.8	15.8	100.0	68.1	11.8	20.1
Other psychologists--(below MA level)	100.0	37.1	9.7	53.2	100.0	31.0	9.9	59.1	100.0	20.0	32.0	48.0
Social workers--(MSW & above)	100.0	89.7	7.8	2.5	100.0	63.1	27.5	9.4	100.0	73.1	12.2	14.7
Other social workers--(below MSW level)	100.0	73.1	7.5	19.4	100.0	58.4	10.6	31.0	100.0	74.4	12.4	13.2
Registered nurses	100.0	62.4	34.9	2.7	100.0	70.3	20.6	9.1	100.0	82.9	9.7	7.4
Other mental health professionals	100.0	88.3	9.7	2.0	100.0	90.6	1.1	8.3	100.0	83.4	8.4	8.2
Physical health professionals and assistants	100.0	37.9	60.3	1.7	100.0	15.3	83.4	1.3	100.0	82.2	17.8	-
Licensed practical and vocational nurses	100.0	70.0	28.2	1.8	100.0	56.1	36.0	7.9	100.0	92.0	7.3	0.7
Mental health workers--(less than BA)	100.0	80.6	16.3	3.1	100.0	76.6	12.3	11.1	100.0	83.9	10.6	5.5
Administrative, clerical, and maintenance staff	100.0	84.7	14.6	0.7	100.0	79.5	19.3	1.2	100.0	86.3	12.8	0.9

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Footnotes to table 4:

[a]Data for non-Federal general hospitals with separate psychiatric services and psychiatric services of VA medical centers were not obtained for January 1980. Data shown are for January 1978.

[b]January 1980 data were not available for federally funded community mental health centers; data shown are for January 1981 (see footnote 3of text).

[c]Includes freestanding mental health day/night organizations and other multiservice mental health organizations.

[d]Sub-parts do not add to totals as shown, since data were not available for selected staff disciplines.

N.R. - Not reported, since data were not requested on these staff disciplines in the survey covering federally funded community mental health centers.

N.A. - Not available, since data were not requested on the staff disciplines in the survey covering federally funded community mental health centers.

(-) - Quantity or percent zero.

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